

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050114489").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/10 09:48
S2	1	payload AND mac AND sub-frames AND (physical near layer) AND (high adj level adj data adj unit)	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:17
S3	66	payload AND mac AND subframes AND (physical near layer)	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:17
S4	19	payload AND mac AND subframes AND (physical near layer) AND encapsulat\$ AND retransmit\$ AND encrypt\$	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:19
S5	20	(payload packet)AND mac AND subframes AND (physical near2 layer) AND encapsulat\$ AND retransmit\$ AND encrypt\$	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:20
S6	21	(payload packet)AND mac AND subframes AND (physical near2 layer) AND encapsulat\$ AND retransmit\$ AND encrypt\$	US-PGPUB; USPAT	OR	ON	2005/06/22 09:20
S7	3	(payload packet)AND mac AND subframes AND (physical near2 layer) AND encapsulat\$ AND retransmit\$ AND encrypt\$ AND parity	US-PGPUB; USPAT	OR	ON	2005/06/22 09:21
S8	73	(payload packet)AND mac AND frames AND (physical near2 layer) AND encapsulat\$ AND retransmit\$ AND encrypt\$ AND parity	US-PGPUB; USPAT	OR	ON	2005/06/22 09:22
S9	7	(payload packet)AND (mac near2 layer)AND frames AND encapsulat\$ AND retransmit\$ AND encrypt\$ AND parity	US-PGPUB; USPAT	OR	ON	2005/06/22 09:32
S10	722	(370/469).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/06 09:53
S11	160	S10 AND (mac near2 layer)	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:37
S12	49	S10 AND (mac near2 layer) AND encapsulat\$	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:40
S13	1362	(709/250).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:41
S14	130	S13 AND (mac near2 layer)	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:41

## EAST Search History

S15	15	(US-20040184481-\$ or US-20040037319-\$ or US-20050122994-\$ or US-20040047351-\$ or US-20040032880-\$ or US-20040008728-\$ or US-20030231658-\$ or US-20030012201-\$ or US-20020118639-\$ or US-20020001314-\$).did. or (US-6839566-\$ or US-6775284-\$ or US-6765885-\$ or US-6735198-\$ or US-6519266-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/06/23 08:35
S16	6	S15 AND encrypt\$	US-PGPUB; USPAT	OR	OFF	2005/06/22 14:59
S17	4	S15 AND queue	US-PGPUB; USPAT	OR	OFF	2005/06/22 14:43
S18	0	S15 AND (time adj stamp)	US-PGPUB; USPAT	OR	OFF	2005/06/22 15:00
S19	558	payload same (time near stamp)	US-PGPUB; USPAT	OR	OFF	2005/06/22 15:04
S20	44	S10 and (TIME ADJ STAMP)	US-PGPUB; USPAT	OR	OFF	2005/06/22 15:05
S21	15	(US-20040184481-\$ or US-20040037319-\$ or US-20050122994-\$ or US-20040047351-\$ or US-20040032880-\$ or US-20040008728-\$ or US-20030231658-\$ or US-20030012201-\$ or US-20020118639-\$ or US-20020001314-\$).did. or (US-6839566-\$ or US-6775284-\$ or US-6765885-\$ or US-6735198-\$ or US-6519266-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/02/06 14:25
S22	1	S21 AND fcs	US-PGPUB; USPAT	OR	OFF	2005/06/23 08:35
S23	353	frame adj control adj field	US-PGPUB; USPAT	OR	OFF	2005/06/23 08:37
S24	6	S21 AND encrypt\$	US-PGPUB; USPAT	OR	OFF	2005/06/23 09:23
S25	1	S21 AND (encrypt\$ SAME (frame AND header))	US-PGPUB; USPAT	OR	OFF	2005/06/23 10:05
S26	5	S21 AND (encrypt\$ AND frame AND header)	US-PGPUB; USPAT	OR	OFF	2005/06/23 10:29

## EAST Search History

S27	12	((("20030217182") or ("20020012320") or ("6469992") or ("6430192") or ("6421725") or ("6263445") or ("6246770") or ("6098179") or ("6097703") or ("5481535") or ("5432848") or ("4682324"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/23 09:48
S28	0	(wo2000/72495).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/06/23 09:48
S29	0	wo2000/72495	US-PGPUB; USPAT	OR	OFF	2005/06/23 09:48
S30	6	("20020118667"   "5926468"   "5930233"   "5974028"   "6389016"   "6519223").PN. OR ("6765885").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 10:05
S31	0	S30 AND encrypt	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 10:05
S32	718	(encrypt\$ SAME (frame AND header))	US-PGPUB; USPAT	OR	OFF	2005/06/23 10:05
S33	2	S21 AND (encrypt\$ SAME header)	US-PGPUB; USPAT	OR	OFF	2005/06/23 10:29
S34	1076	(encrypt\$ near2 header)	US-PGPUB; USPAT	OR	OFF	2005/06/23 10:30
S35	288	(encrypt\$ adj header)	US-PGPUB; USPAT	OR	OFF	2005/06/23 10:30
S36	1395	encapsulate near (payload datagram content packet)	US-PGPUB; USPAT	OR	ON	2006/02/06 08:39
S37	848	(370/469).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/06 09:54
S38	0	S37 AND (mac adj layer) AND segment\$ AND (divide with encapsulat\$ with datagram)	US-PGPUB; USPAT	OR	ON	2006/02/06 09:54
S39	0	S37 AND (mac adj layer) AND (divide with encapsulat\$ with datagram)	US-PGPUB; USPAT	OR	ON	2006/02/06 09:54
S40	0	S37 AND (divide with encapsulat\$ with datagram)	US-PGPUB; USPAT	OR	ON	2006/02/06 09:55
S41	28	S37 AND ( encapsulat\$ with datagram)	US-PGPUB; USPAT	OR	ON	2006/02/06 09:55
S42	6	S37 AND ( encapsulat\$ with datagram) AND mac adj layer	US-PGPUB; USPAT	OR	ON	2006/02/06 09:55

## EAST Search History

S43	13	(US-20040184481-\$ or US-20040037319-\$ or US-20050122994-\$ or US-20040047351-\$ or US-20040032880-\$ or US-20040008728-\$ or US-20030231658-\$ or US-20030012201-\$ or US-20020118639-\$ or US-20020001314-\$).did. or (US-6839566-\$ or US-6775284-\$ or US-6765885-\$ or US-6735198-\$ or US-6519266-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/02/06 09:56
S44	15	(US-20020001314-\$ or US-20020118639-\$ or US-20030012201-\$ or US-20030231658-\$ or US-20040008728-\$ or US-20040032880-\$ or US-20040037319-\$ or US-20040047351-\$ or US-20040184481-\$ or US-20050122994-\$).did. or (US-6519266-\$ or US-6735198-\$ or US-6765885-\$ or US-6775284-\$ or US-6839566-\$).did.	US-PGPUB; USPAT	OR	ON	2006/02/06 09:57
S45	2	S44 AND encapsulat\$ near (content datagram packet data payload)	US-PGPUB; USPAT	OR	ON	2006/02/06 09:58
S46	1	("20050114489").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/06 10:26
S47	1	S46 AND plurality	US-PGPUB; USPAT	OR	ON	2006/02/06 10:26
S48	7531	forward adj error adj correction	US-PGPUB; USPAT	OR	ON	2006/02/06 14:56
S49	325	forward adj error adj correction AND osi	US-PGPUB; USPAT	OR	ON	2006/02/06 14:30
S50	1	greater adj forward adj error adj correction	US-PGPUB; USPAT	OR	ON	2006/02/06 14:18
S51	310	S48 AND reduce adj errors	US-PGPUB; USPAT	OR	ON	2006/02/06 14:20

## EAST Search History

S52	13	(US-20040184481-\$ or US-20040037319-\$ or US-20050122994-\$ or US-20040047351-\$ or US-20040032880-\$ or US-20040008728-\$ or US-20030231658-\$ or US-20030012201-\$ or US-20020118639-\$ or US-20020001314-\$).did. or (US-6839566-\$ or US-6775284-\$ or US-6765885-\$ or US-6735198-\$ or US-6519266-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/02/06 14:25
S53	1	S52 AND forward adj error adj correction	US-PGPUB; USPAT	OR	OFF	2006/02/06 14:27
S54	1	S52 AND (forward adj error adj correction fec)	US-PGPUB; USPAT	OR	OFF	2006/02/06 14:28
S55	7531	forward adj error adj correction with errors	US-PGPUB; USPAT	OR	ON	2006/02/06 14:30
S56	283	forward adj error adj correction with errors with reduce	US-PGPUB; USPAT	OR	ON	2006/02/06 14:47
S57	1887	forward adj error adj correction AND (crc (cyclic adj redundancy adj check))	US-PGPUB; USPAT	OR	ON	2006/02/06 14:34
S58	0	forward adj error adj correction with (crc (cyclic adj redundancy adj check)) with recovery	US-PGPUB; USPAT	OR	ON	2006/02/06 14:35
S59	132	forward adj error adj correction with recovery	US-PGPUB; USPAT	OR	ON	2006/02/06 14:35
S60	1	("6128763").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/06 14:47
S61	73	(forward adj error adj correction fec) AND (crc cyclic adj redundancy adj check) AND (arq automatic adj repeat adj request) AND checksum	US-PGPUB; USPAT	OR	ON	2006/02/07 10:30
S62	43	S48 AND (without adj retransmission)	US-PGPUB; USPAT	OR	ON	2006/02/06 15:05
S63	73	(forward adj error adj correction fec) AND (crc cyclic adj redundancy adj check) AND (arq automatic adj repeat adj request) AND checksum	US-PGPUB; USPAT	OR	ON	2006/02/07 10:30
S64	16	S63 AND (without near3 retransmission)	US-PGPUB; USPAT	OR	ON	2006/02/07 11:47
S65	73	(forward adj error adj correction fec) AND (crc cyclic adj redundancy adj check) AND (arq automatic adj repeat adj request) AND checksum	US-PGPUB; USPAT	OR	ON	2006/02/07 11:47

## EAST Search History

S66	16	S65 AND (without near3 retransmission)	US-PGPUB; USPAT	OR	ON	2006/02/07 11:47
S67	15	S66 AND transmission with error	US-PGPUB; USPAT	OR	ON	2006/02/07 12:04
S68	1003	(714/47).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/07 12:04
S69	904	(714/48).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/07 12:05
S70	0	("L7ANDL8and(FEC(FORWARDADJERRORADJCORRECTION))").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/07 12:05
S71	0	S68 AND S69 and (FEC(FORWARDADJERRORADJCORRECTION))	US-PGPUB; USPAT	OR	ON	2006/02/07 12:05
S72	7	(S68 S69) and (FEC(FORWARDADJERRORADJCORRECTION))	US-PGPUB; USPAT	OR	ON	2006/02/07 12:15
S73	8	(S68 S69) and (FEC(FORWARD ADJ ERROR ADJ CORRECTION))	US-PGPUB; USPAT	OR	ON	2006/02/07 12:15
S74	0	ep929712	US-PGPUB; USPAT; EPO	OR	ON	2006/02/08 12:31
S75	7	"929712"	US-PGPUB; USPAT; EPO	OR	ON	2006/02/08 12:32
S76	1	("0929712").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/08 12:32
S77	4	sequential adj order with sub-block	US-PGPUB; USPAT	OR	ON	2006/02/08 12:58
S78	5127	sub-blocks	US-PGPUB; USPAT	OR	ON	2006/02/08 15:55
S79	37	sub-blocks with padding	US-PGPUB; USPAT	OR	ON	2006/02/08 16:01
S80	18	(US-20020001314-\$ or US-20020015423-\$ or US-20020118639-\$ or US-20030012201-\$ or US-20030231658-\$ or US-20040008728-\$ or US-20040032880-\$ or US-20040037319-\$ or US-20040047351-\$ or US-20040184481-\$ or US-20050122994-\$).did. or (US-6445717-\$ or US-6519266-\$ or US-6598229-\$ or US-6735198-\$ or US-6765885-\$ or US-6775284-\$ or US-6839566-\$).did.	US-PGPUB; USPAT	OR	ON	2006/02/10 08:15

## EAST Search History

S81	0	S80 AND padding AND sub-block	US-PGPUB; USPAT	OR	ON	2006/02/08 15:58
S82	608	queue with payload	US-PGPUB; USPAT	OR	ON	2006/02/08 16:01
S83	30	queue with payload with encapsulat\$	US-PGPUB; USPAT	OR	ON	2006/02/08 16:15
S84	1	queue with payload with encapsulat\$ AND sub-frame	US-PGPUB; USPAT	OR	ON	2006/02/08 16:14
S85	84	queue near3 encapsulat\$	US-PGPUB; USPAT	OR	ON	2006/02/08 16:16
S86	84	queue near3 encapsulat\$ and QUEUE	US-PGPUB; USPAT	OR	ON	2006/02/08 16:16
S87	1	("20030231652").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/09 09:06
S88	19	(US-20020001314-\$ or US-20020015423-\$ or US-20020118639-\$ or US-20030012201-\$ or US-20030231658-\$ or US-20040008728-\$ or US-20040032880-\$ or US-20040037319-\$ or US-20040047351-\$ or US-20040184481-\$ or US-20050122994-\$ or US-20050063402-\$).did. or (US-6445717-\$ or US-6519266-\$ or US-6598229-\$ or US-6735198-\$ or US-6765885-\$ or US-6775284-\$ or US-6839566-\$).did.	US-PGPUB; USPAT	OR	ON	2006/02/09 09:10
S89	1	S88 AND time near stamp	US-PGPUB; USPAT	OR	ON	2006/02/09 09:26
S90	23	msid AND queue AND session	US-PGPUB; USPAT	OR	ON	2006/02/09 09:46
S91	474	((msid mobile adj station adj identifier) (session adj identifier)) and queue AND session	US-PGPUB; USPAT	OR	ON	2006/02/09 09:47
S92	28	((msid mobile adj station adj identifier) (session adj identifier)) with queue	US-PGPUB; USPAT	OR	ON	2006/02/09 09:49
S93	28	((msid mobile adj station adj identifier) (session adj identifier)) with queue with session	US-PGPUB; USPAT	OR	ON	2006/02/09 10:02
S94	0	("20000616896").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/09 10:03
S95	1	("1303946").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2006/02/09 10:03

## EAST Search History

S96	0	EP1303946	US-PGPUB; USPAT	OR	ON	2006/02/09 10:08
S97	0	EP1303946	US-PGPUB; USPAT; EPO	OR	ON	2006/02/09 10:04
S98	0	EP1303946	US-PGPUB; USPAT	OR	ON	2006/02/09 10:08
S99	8	("1303946").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 10:09
S10 0	769	contention adj free	US-PGPUB; USPAT	OR	ON	2006/02/09 14:43
S10 1	128	contention adj free with packet	US-PGPUB; USPAT	OR	ON	2006/02/09 14:43
S10 2	18	(US-20020001314-\$ or US-20020015423-\$ or US-20020118639-\$ or US-20030012201-\$ or US-20030231658-\$ or US-20040008728-\$ or US-20040032880-\$ or US-20040037319-\$ or US-20040047351-\$ or US-20040184481-\$ or US-20050122994-\$).did. or (US-6445717-\$ or US-6519266-\$ or US-6598229-\$ or US-6735198-\$ or US-6765885-\$ or US-6775284-\$ or US-6839566-\$).did.	US-PGPUB; USPAT	OR	ON	2006/02/09 14:45
S10 3	0	S102 AND contention adj free	US-PGPUB; USPAT	OR	ON	2006/02/09 14:45
S10 4	3	S102 AND csma	US-PGPUB; USPAT	OR	ON	2006/02/09 14:47



## EAST Search History

S10 5	18	(US-20020001314-\$ or US-20020015423-\$ or US-20020118639-\$ or US-20030012201-\$ or US-20030231658-\$ or US-20040008728-\$ or US-20040032880-\$ or US-20040037319-\$ or US-20040047351-\$ or US-20040184481-\$ or US-20050122994-\$).did. or (US-6445717-\$ or US-6519266-\$ or US-6598229-\$ or US-6735198-\$ or US-6765885-\$ or US-6775284-\$ or US-6839566-\$).did.	US-PGPUB; USPAT	OR	ON	2006/02/10 08:15
S10 6	6	S105 AND encrypt\$	US-PGPUB; USPAT	OR	ON	2006/02/10 08:15
S10 7	6	S105 AND boundar\$	US-PGPUB; USPAT	OR	ON	2006/02/10 09:52
S10 8	2	S105 AND boundar\$ AND offset	US-PGPUB; USPAT	OR	ON	2006/02/10 09:52
S10 9	1	S105 AND boundar\$ same offset	US-PGPUB; USPAT	OR	ON	2006/02/10 10:46
S11 0	1	S105 AND frame same boundar\$ same offset	US-PGPUB; USPAT	OR	ON	2006/02/10 10:54
S11 1	3	offset with byte with (frame adj boundar\$)	US-PGPUB; USPAT	OR	ON	2006/02/10 10:54
S11 2	1	("20030231652").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/10 11:35
S11 3	1	S105 AND ((time near stamp) (time-stamp))	US-PGPUB; USPAT	OR	ON	2006/02/10 11:35
S11 4	18	mac adj layer SAME fragmentation SAME retransmission	US-PGPUB; USPAT	OR	ON	2008/01/09 09:21